

FIG. 1

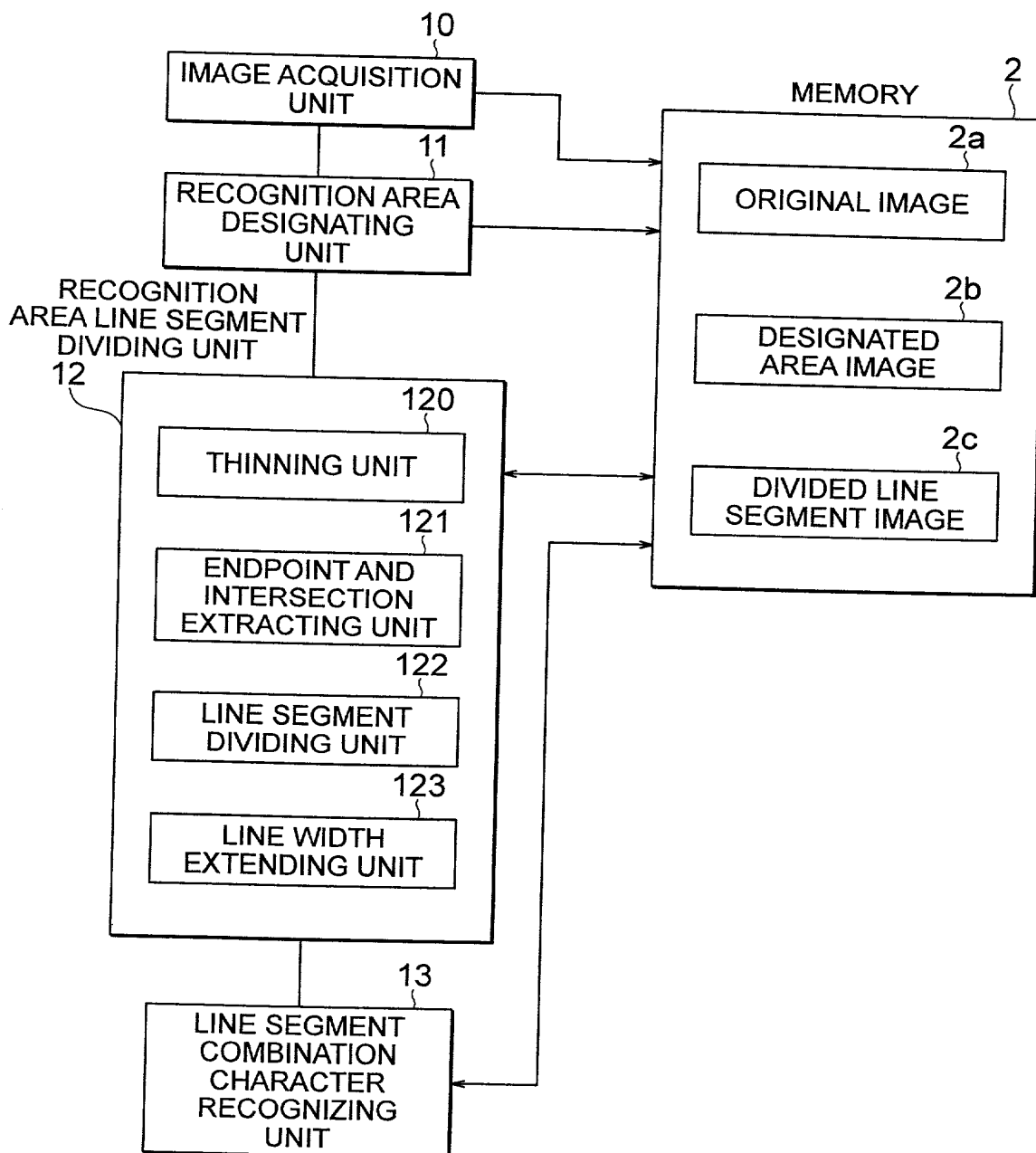


FIG. 2

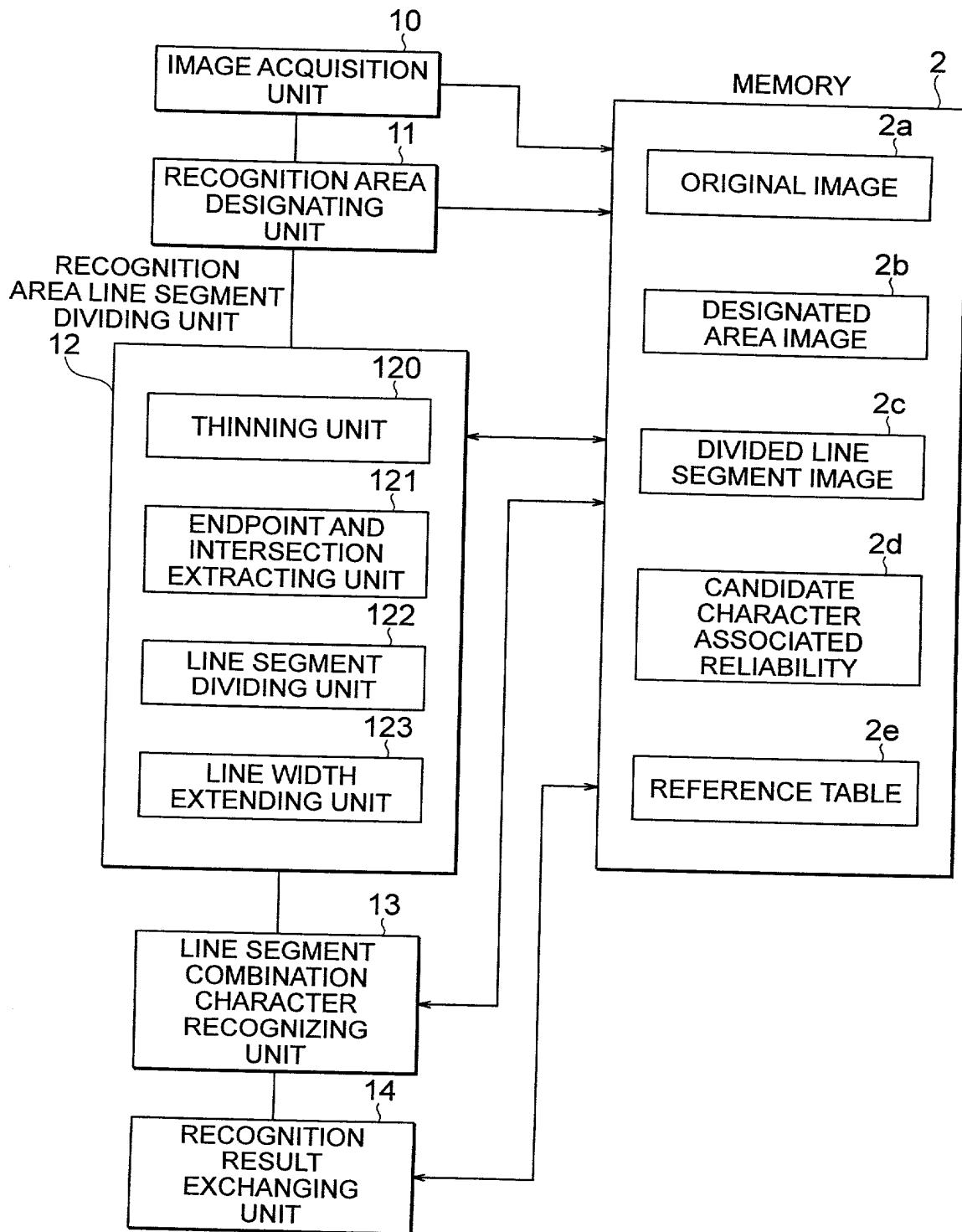


FIG. 3

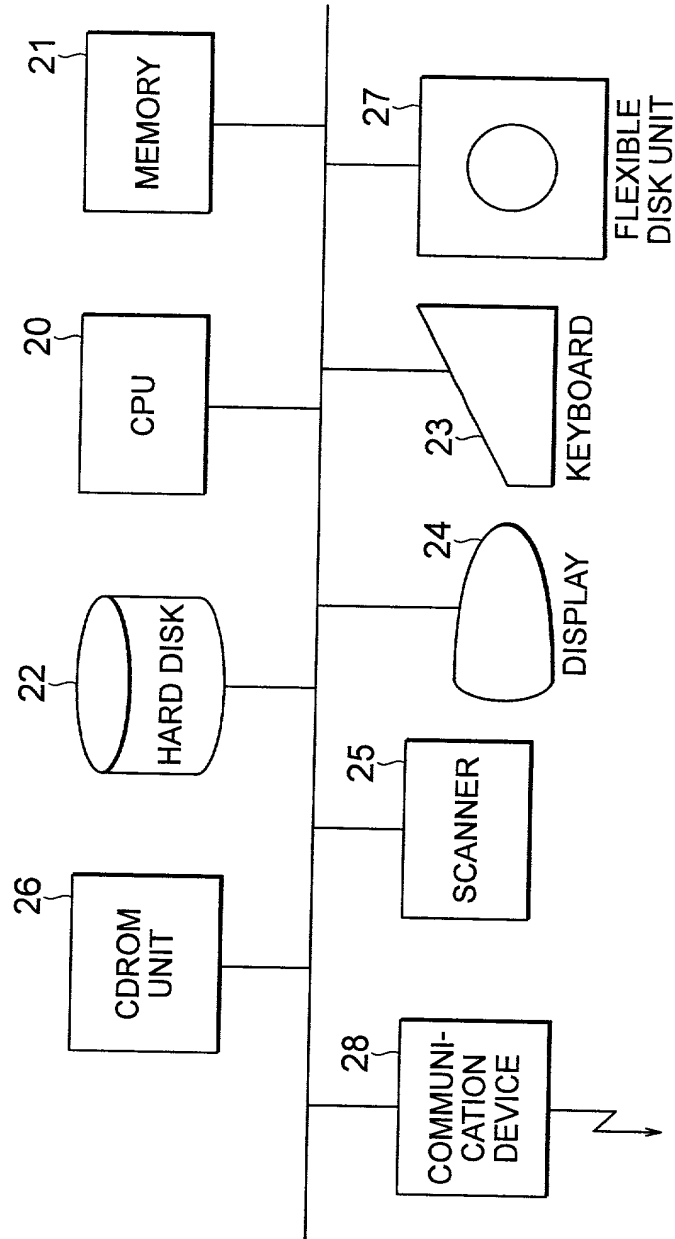


FIG. 4

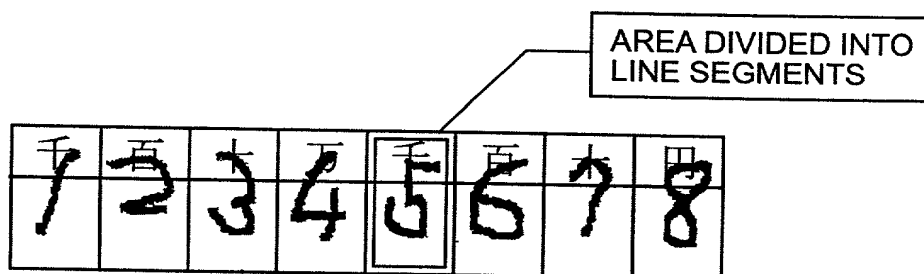


FIG. 5

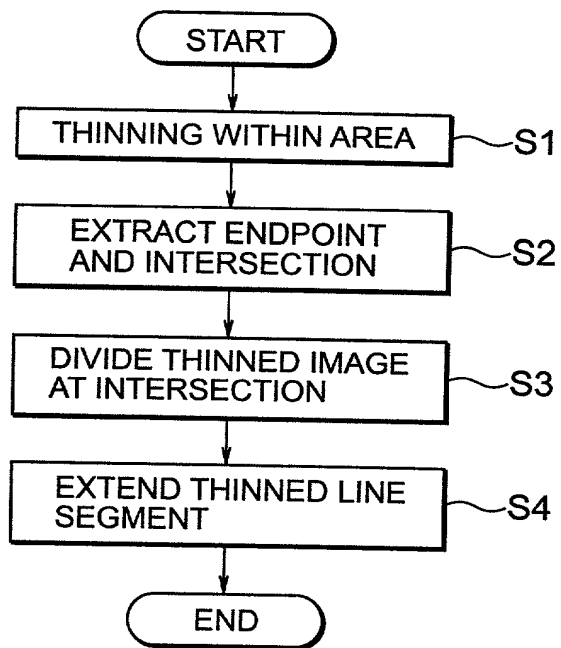


FIG. 6

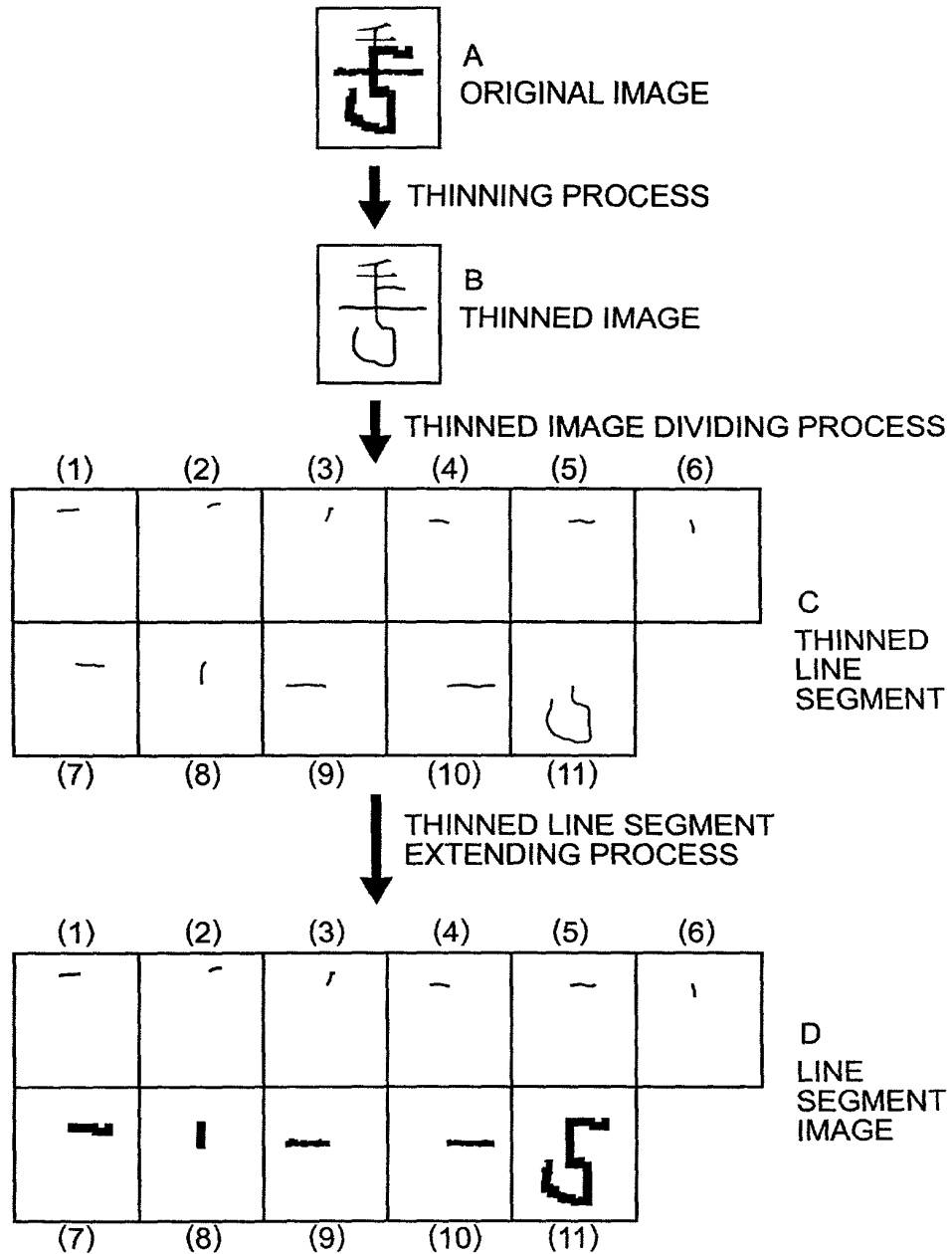


FIG. 7

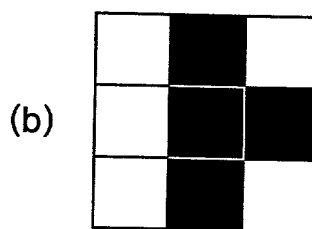
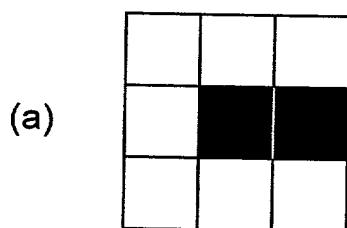


FIG. 8

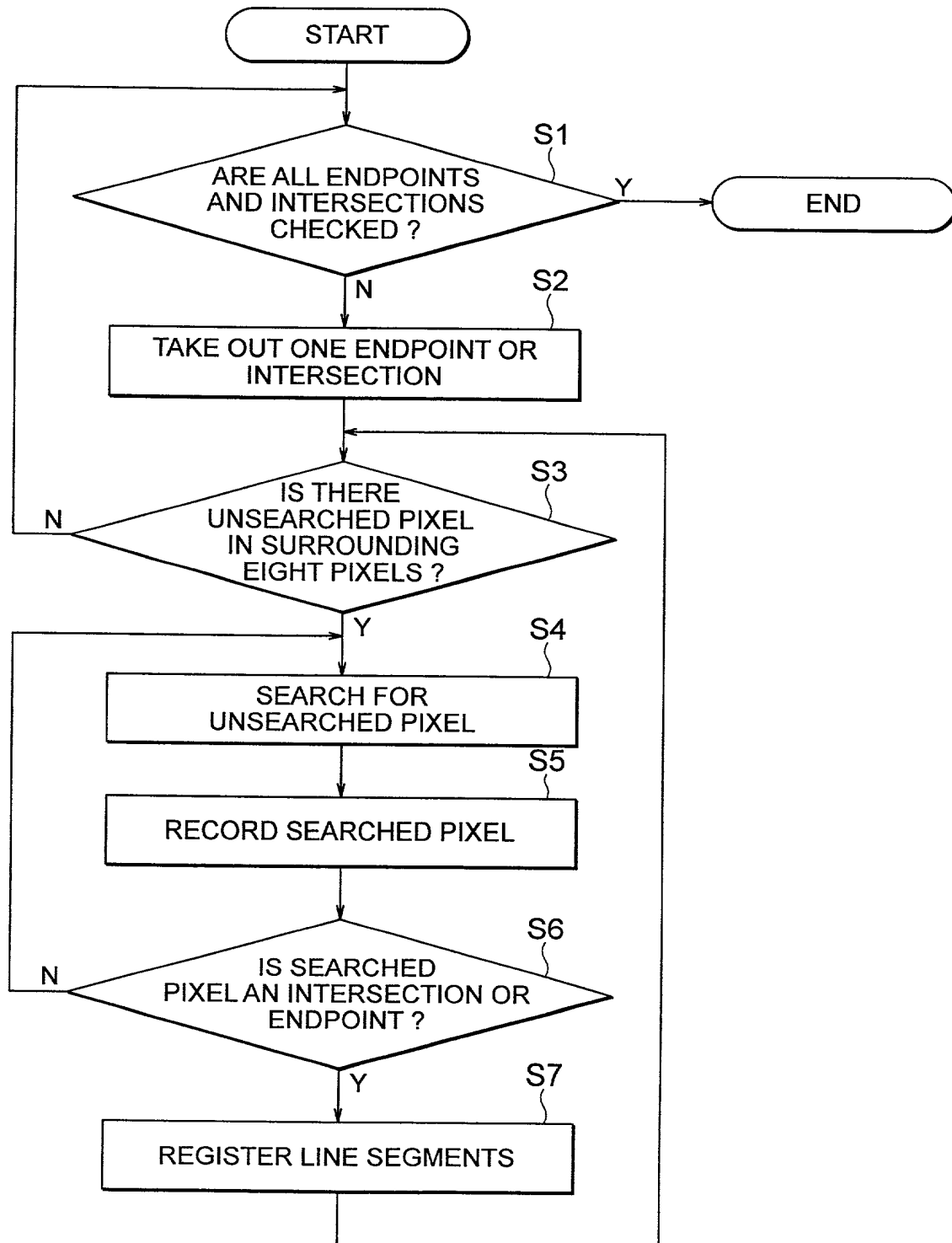


FIG. 9

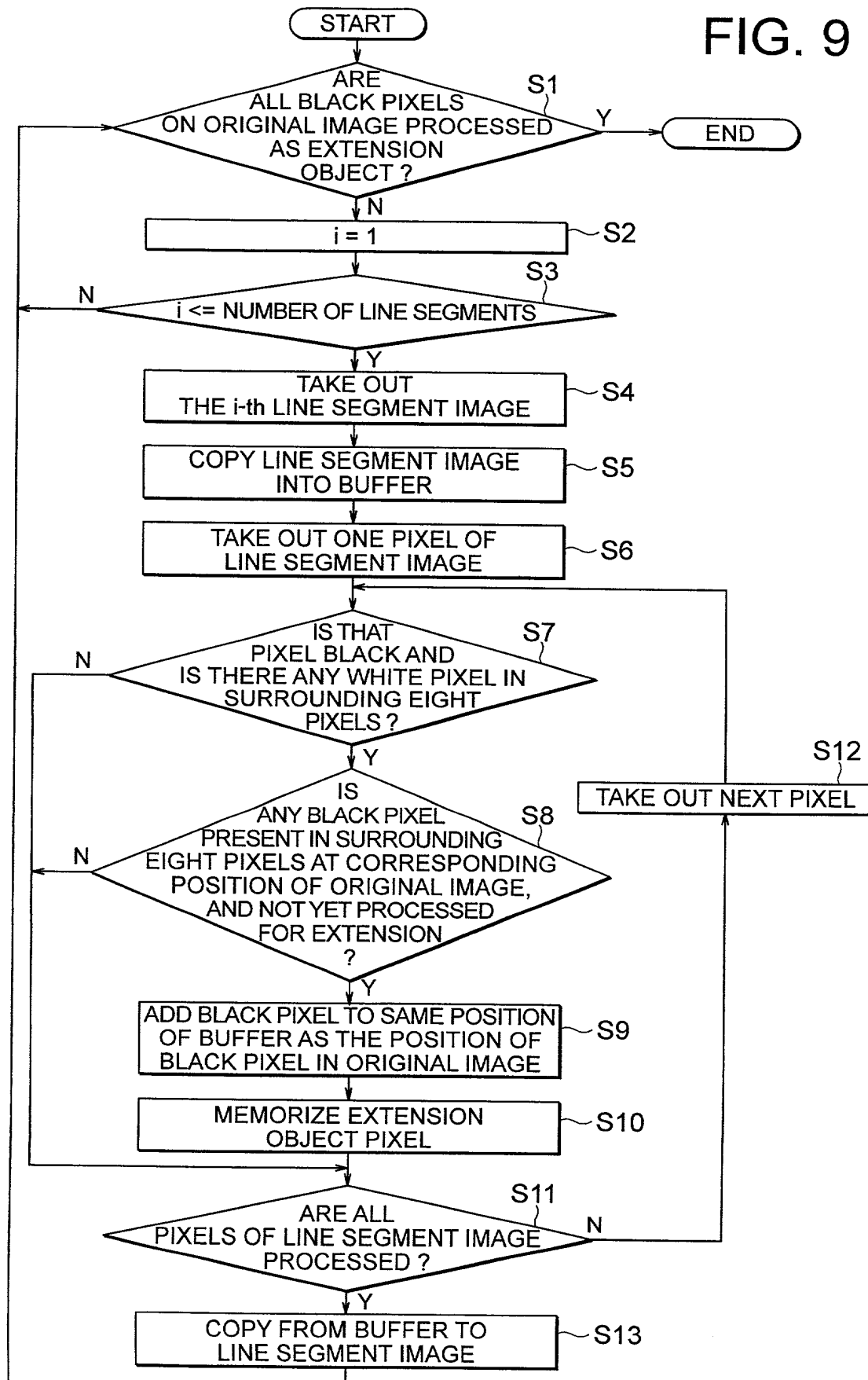


FIG. 10

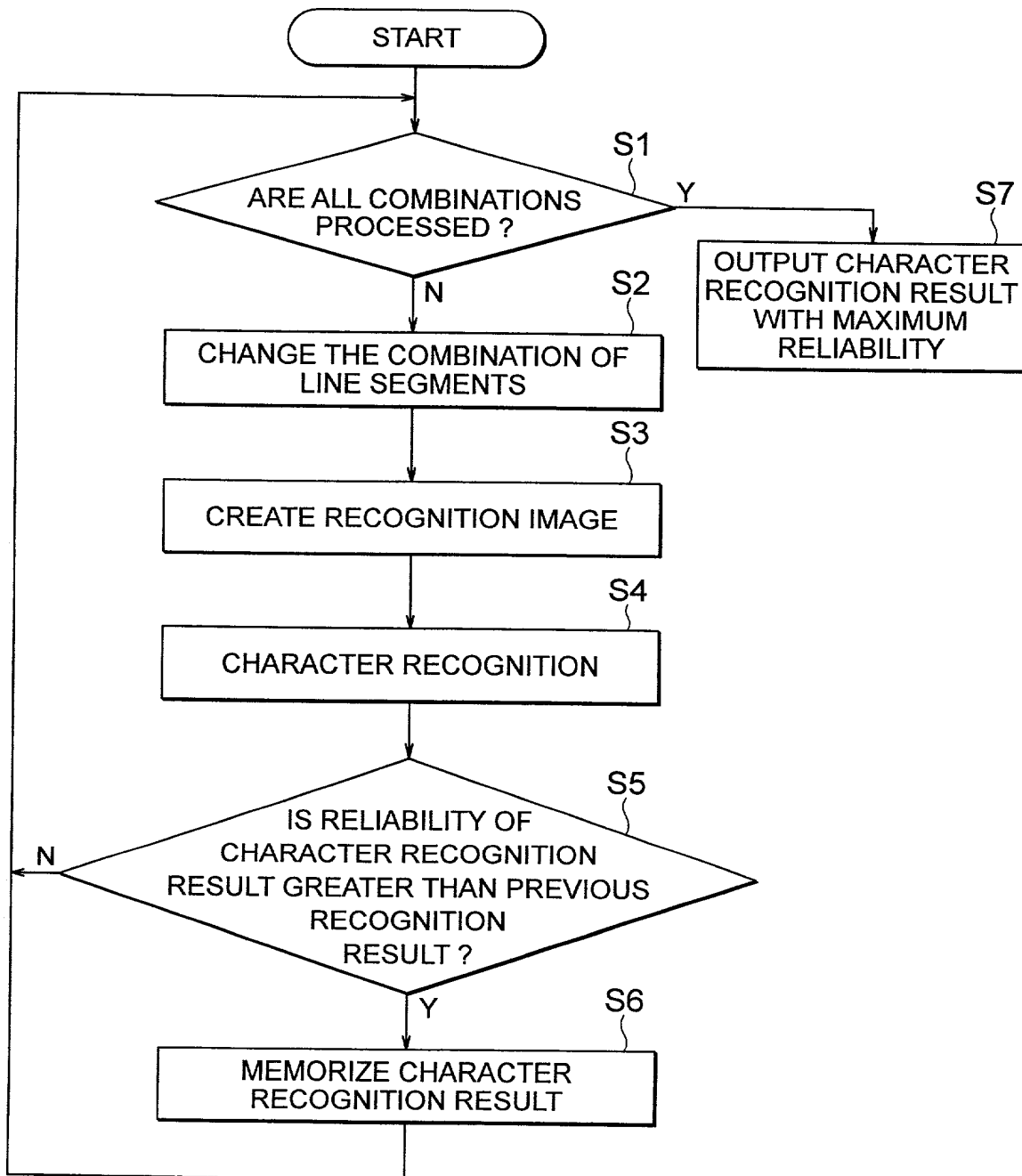


FIG. 11

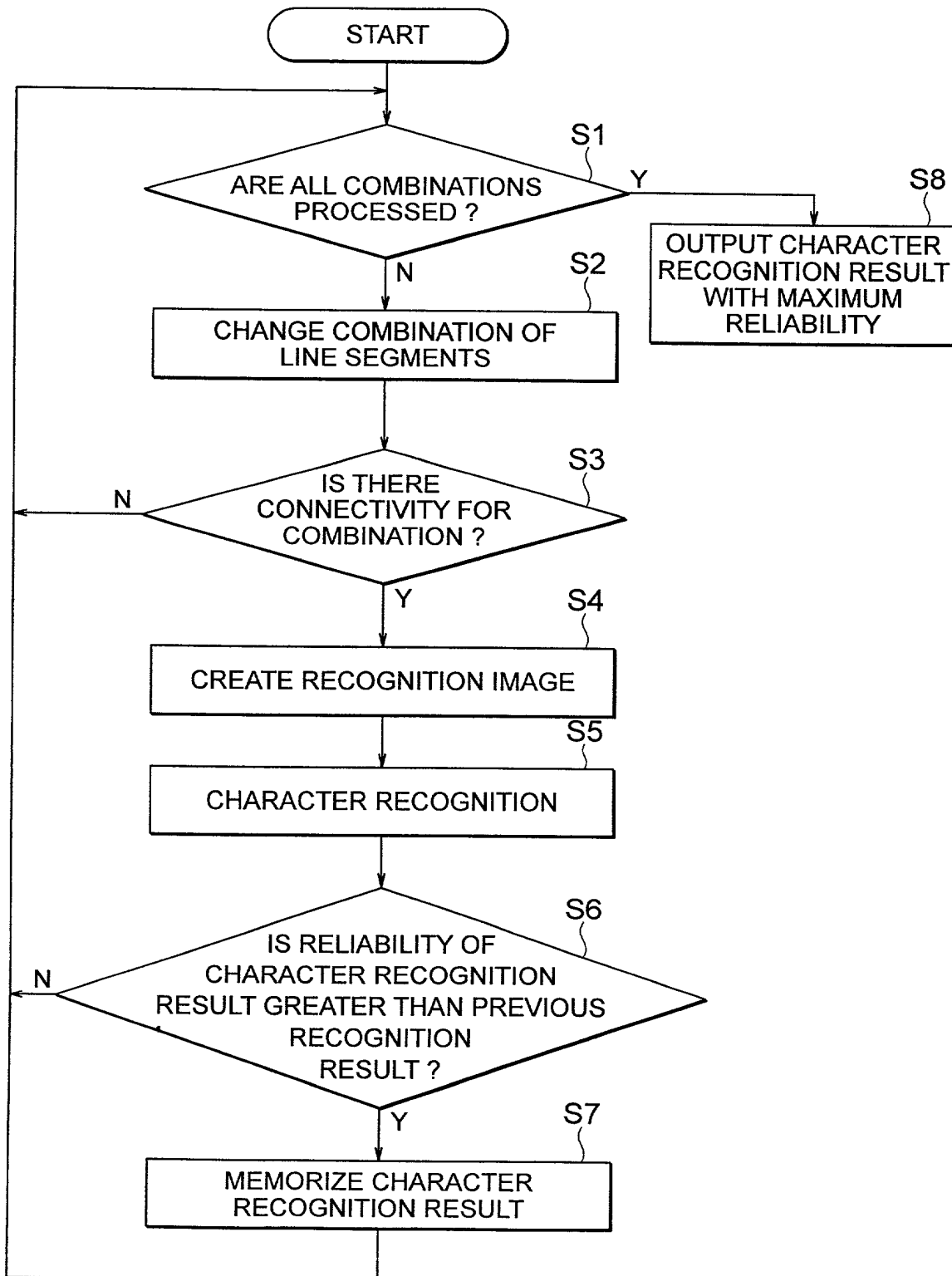


FIG. 12

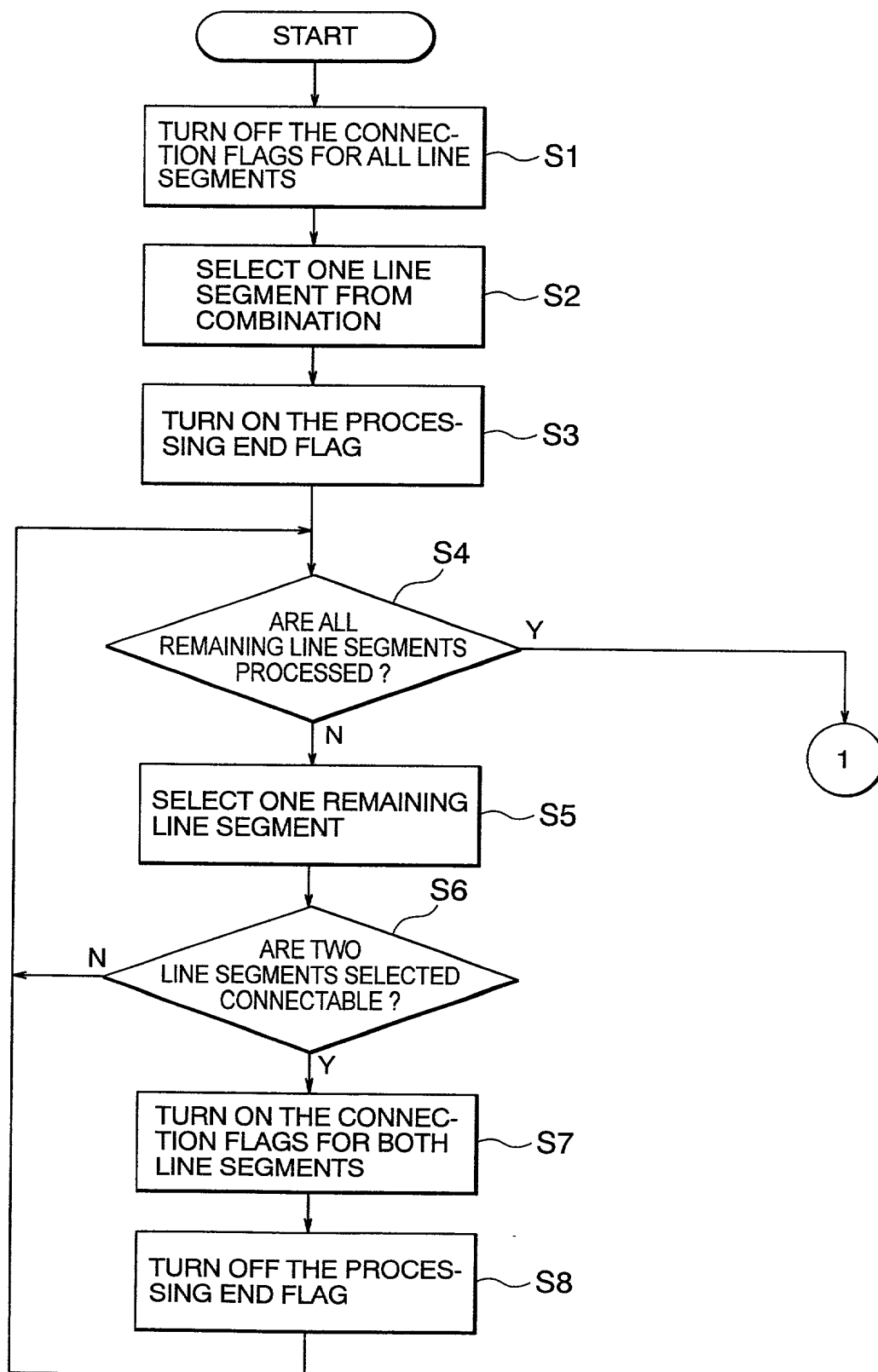


FIG. 13

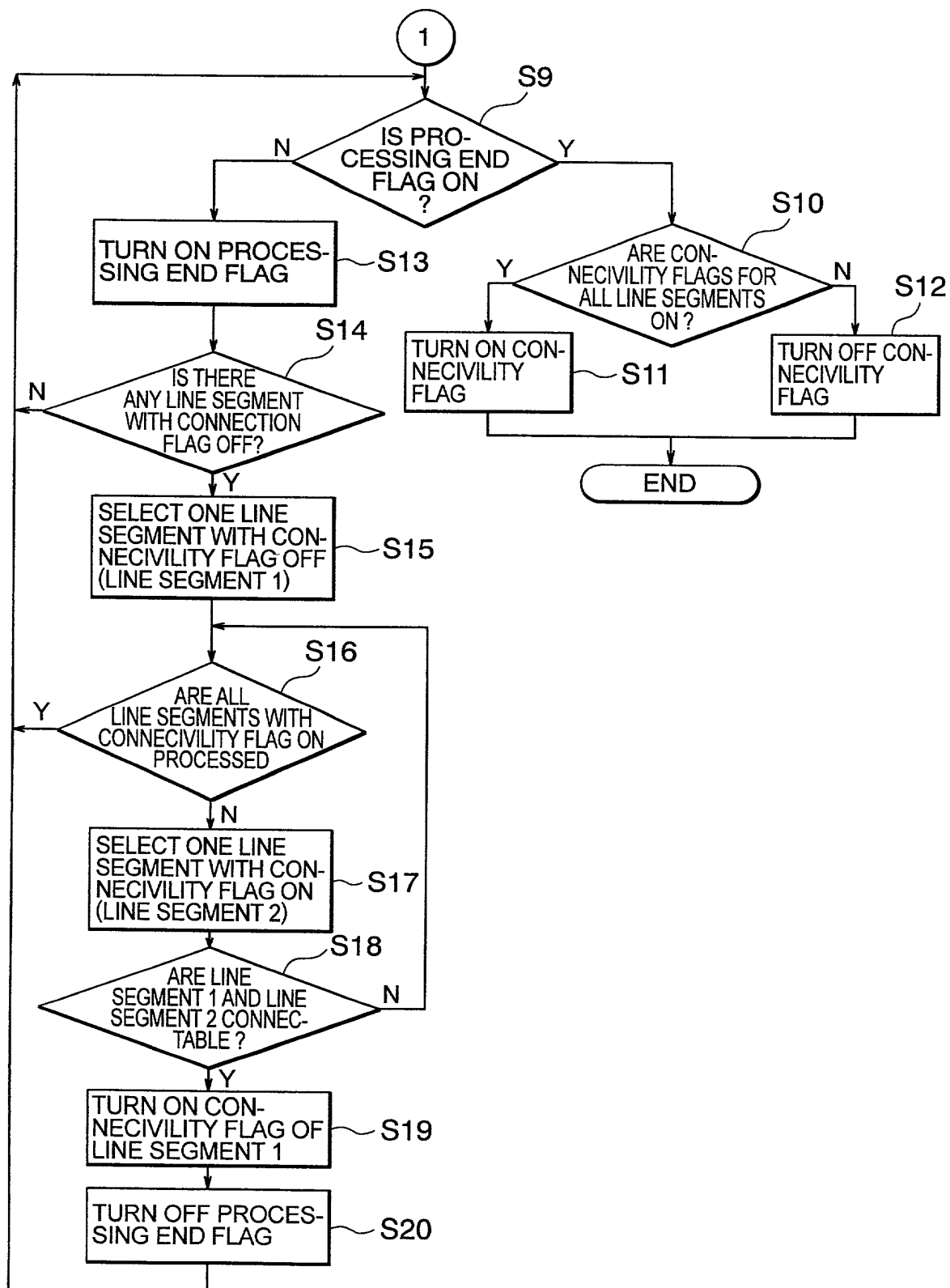


FIG. 14

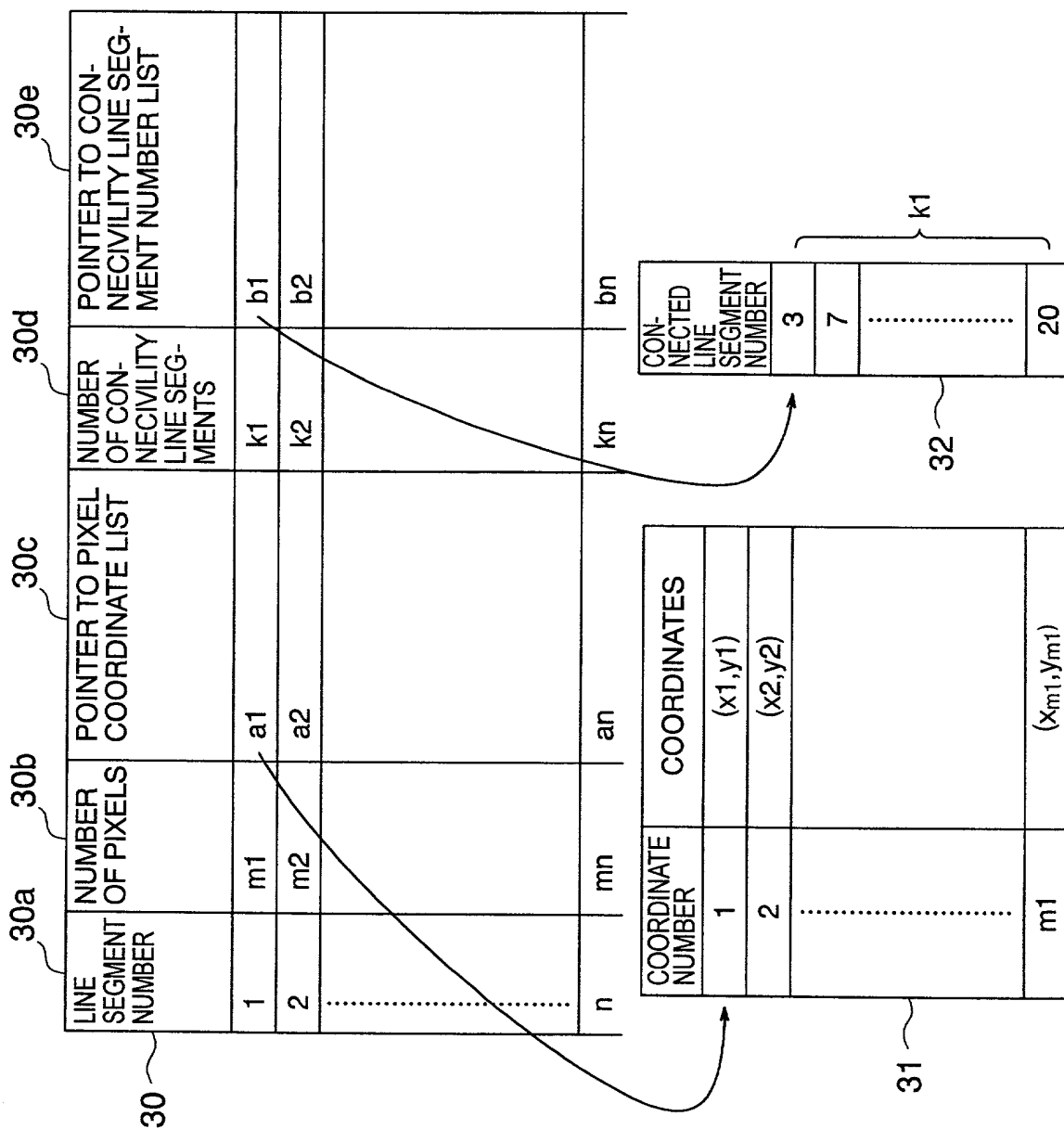
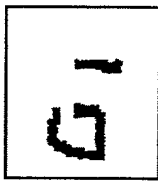


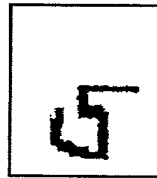
FIG. 15



(a) ORIGINAL
IMAGE

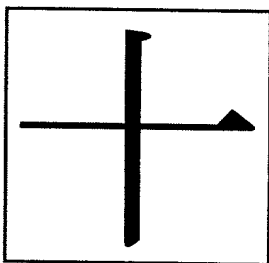


(b) COMBINATION
WITHOUT
CONNECTIVITY

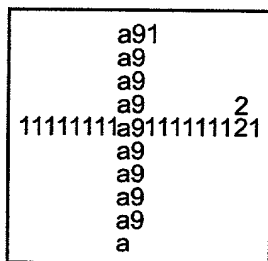


(c) COMBINATION
WITH
CONNECTIVITY

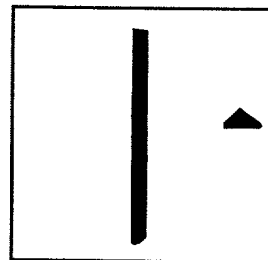
FIG. 16



(a) IMAGE "+" IN MING-STYLE TYPE

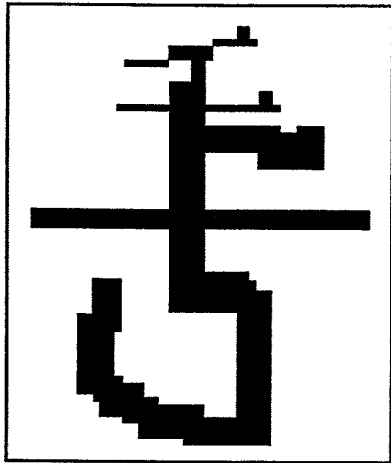


(b) RUN DISTRIBUTION OF IMAGE "+" IN MING-STYLE TYPE IN VERTICAL DIRECTION

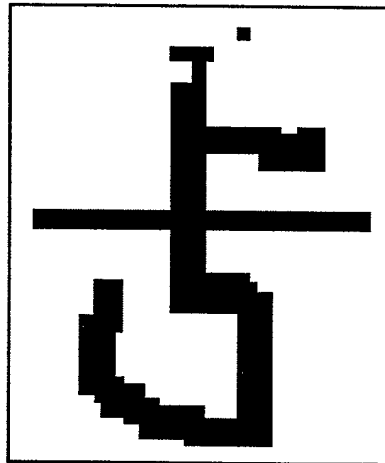


(a) IMAGE "+" IN MING-STYLE TYPE FROM WHICH PORTION WITH RUN WIDTH 1 IN VERTICAL DIRECTION IS DELETED

FIG. 17

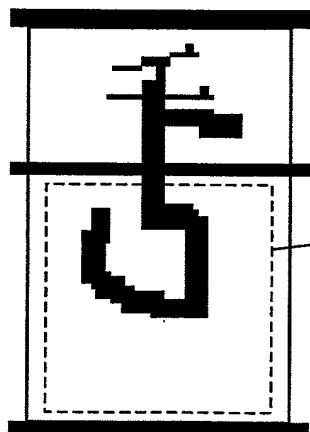


(a) ORIGINAL IMAGE



(b) IMAGE AFTER ITS PORTION
WITH FINE LINE WIDTH IS
REMOVED

FIG. 18



CHARACTER ENTRY AREA

FIG. 19

40a		40b	40c	40d	40e
LINE SEGMENT NUMBER	NUMBER OF PIXELS	POINTER TO PIXEL COORDINATE LIST	LINE SEGMENT END TYPE 1	LINE SEGMENT END TYPE 2	LENGTH OF LINE SEGMENT
1	m1	a1	ENDPOINT	THREE-POINT INTERSECTION	3
2	m2	a2	THREE-POINT INTERSECTION	THREE-POINT INTERSECTION	
...					
n	mn	an	THREE-POINT INTERSECTION	ENDPOINT	

COORDINATE NUMBER	COORDINATES
1	(x1,y1)
2	(x2,y2)
...	
m1	(xm1,ym1)

41

FIG. 20

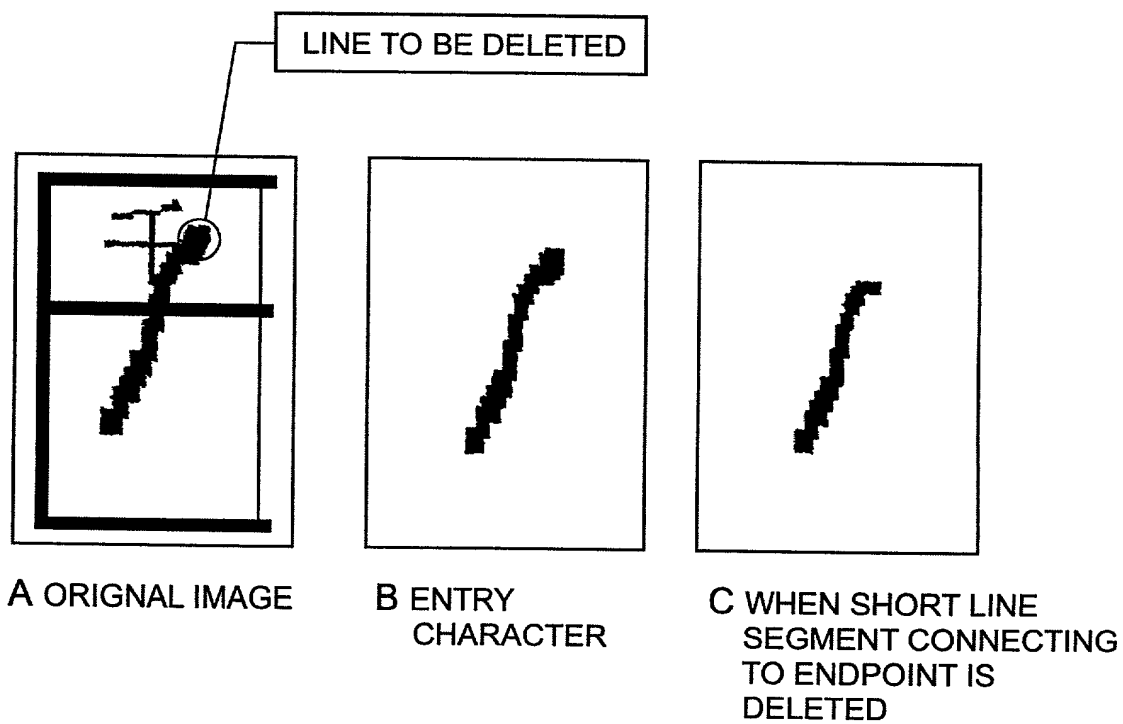


FIG. 21

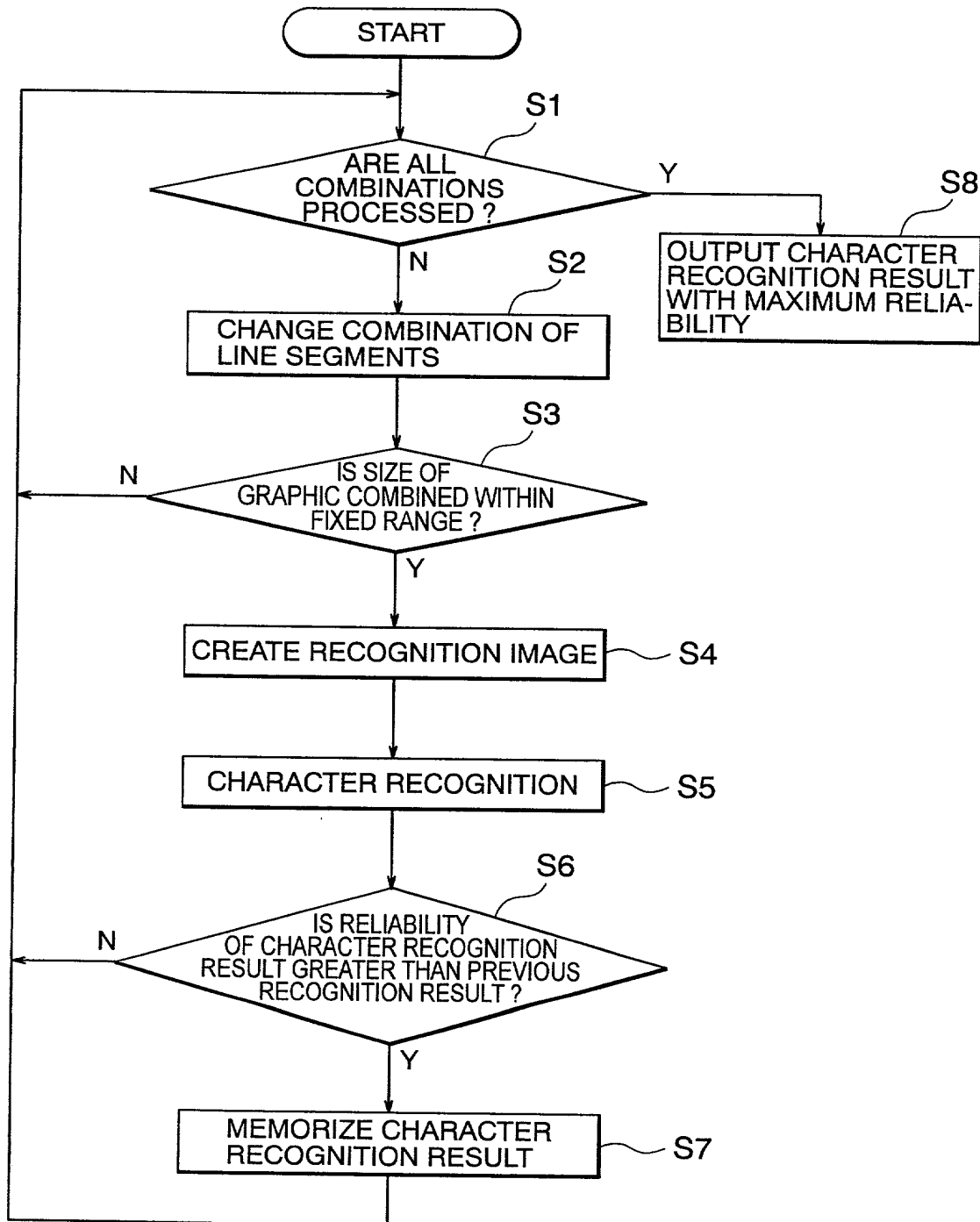


FIG. 22

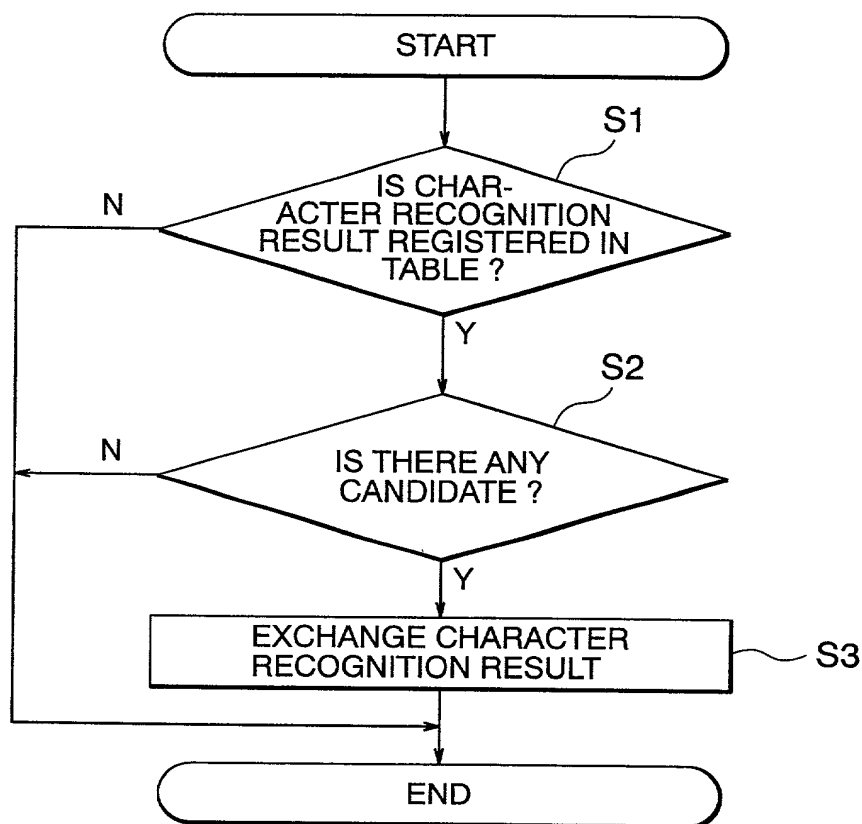


FIG. 23

EXCHANGED OBJECT CHARACTER	EXCHANGING OBJECT CHARACTER
0	6 , 8
1	4 , 7 , 9
6	0
8	0

FIG. 24

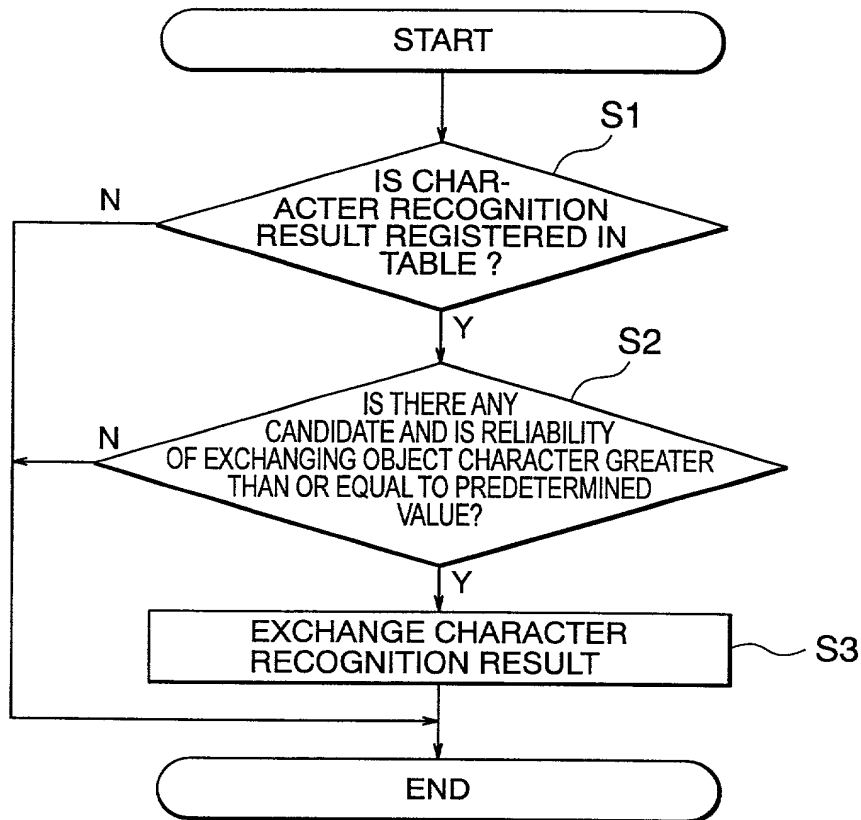


FIG. 25

EXCHANGED OBJECT CHARACTER	EXCHANGING OBJECT CHARACTER	RELIABILITY WHEN EXCHANGING
0	6	200
	8	220
1	4	230
	7	200
	9	240
6	0	220
8	0	250

FIG. 26

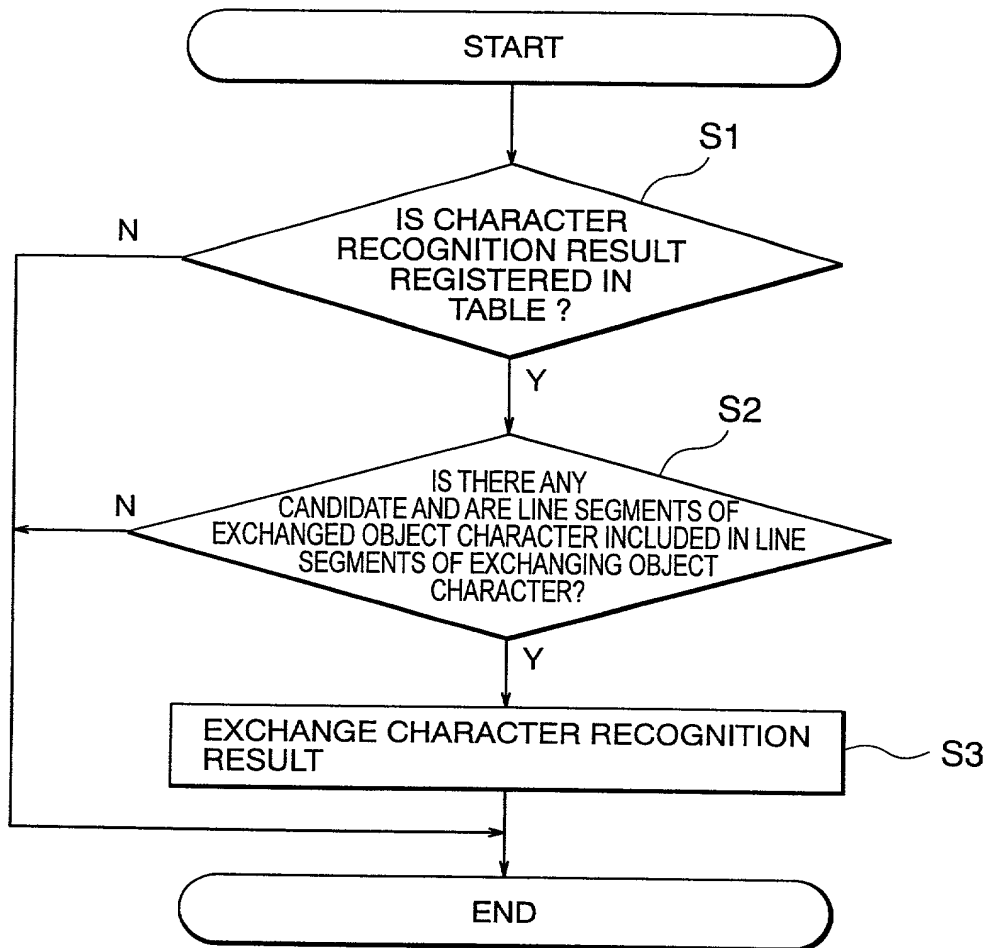


FIG. 27

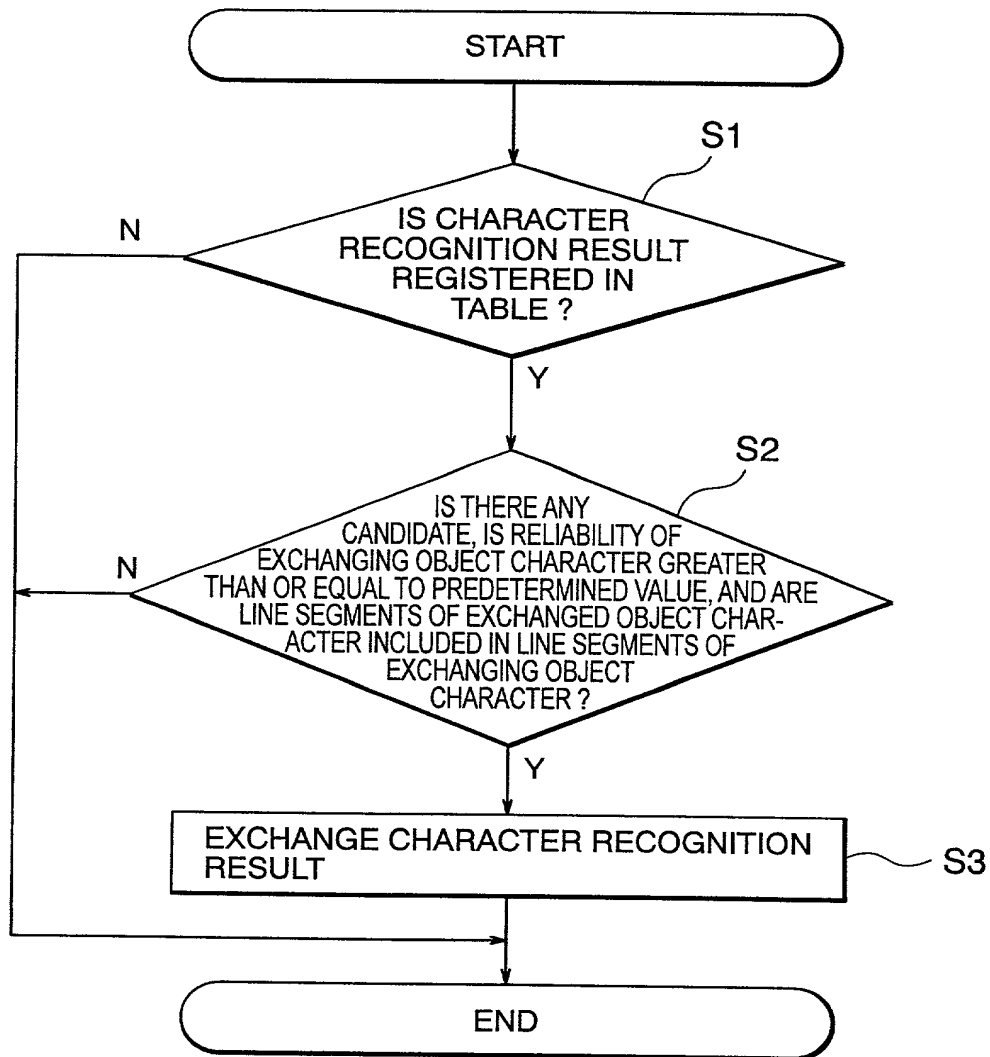


FIG. 28

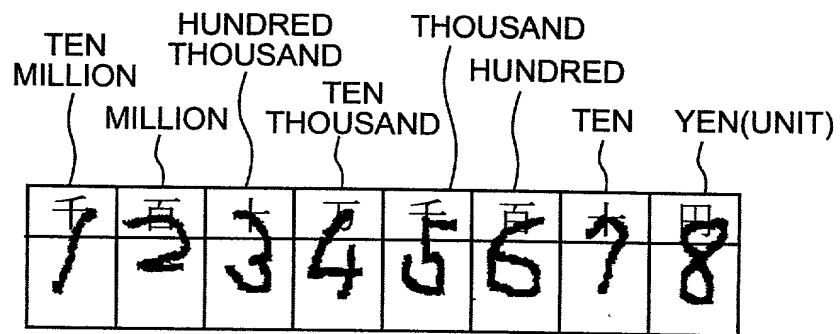


FIG. 29

INSTANCE OF FALSE RECOGNITION



INPUT IMAGE
(ENTRY CHARACTER "7")



IMAGE EMPLOYED AS
RECOGNITION RESULT
(RECOGNITION RESULT "1")

(a)



INPUT IMAGE
(ENTRY CHARACTER "8")



IMAGE EMPLOYED AS
RECOGNITION RESULT
(RECOGNITION RESULT "0")

(b)



INPUT IMAGE
(ENTRY CHARACTER "0")

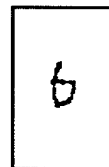


IMAGE EMPLOYED AS
RECOGNITION RESULT
(RECOGNITION RESULT "6")

(c)